

MCAS Futenma Flash Flood Assessment

19 June 2017

Flash Flood Assessment

- Mission Assurance team conducted a quick damage assessment from last night flash flooding around MCAS Futenma.
- The major area of concern was in the Hangar 515 area. The station had previously identified this issue “flashing flooding” in the Hangar 515 area with a long term mitigation JFIP to fix the issue. The Station personnel (MA & ILS) met with the USACE and G-F to make short term mitigation until the long term mitigation project is completed in Mar 2018. USACE and G-f did not install the short term mitigation as recommended from the Station Staff. Please review the attached picture to see how high the water line and Foreign Object Debris (FOD) issue. The flash flooding happened as predicted, because in the past it took longer for this area to flood, but with the area filled in now; it floods quicker with debris that will block the drainage pipe. We did get a little lucky with some of USACE contractor safety fence wrapped around a sign post, if the safety fence was not stopped at that point then the newly airfield fence could have been damaged. FOD did make it to the apron, and the station had to spend extra manpower in clean up.
- There was little damage to the new patrol road area, but has not been fully reconstructed at this time. No other areas were reported.
- PMO did a great job in traffic control during flash flooding. The USACE contractor pipe was bent, which shows the force of the water flowing over the road and the risk.
- Recommendation: Have USACE contractor build short term flash flooding mitigation plan, along with MCIPAC G-F Staff. Review the station short term mitigation plan to save lives and government property.







